Abstract

A method for processing a nucleic acid sample contained in a liquid comprises: (a) introducing the liquid into a chamber (11) of a cartridge (12) which contains a chip shaped carrier (14), an active surface (15) of which carries an array of oligonucleotides; (b) positioning cartridge (12) into a cartridge holder (16) which holds cartridge (12); and (c) oscillating cartridge holder (16) and thereby cartridge (12) about an axis of rotation which is perpendicular to a vertical plane, thereby moving cartridge (12) back and forth between a first angular position (26) and a second angular position (28) which lie on opposite sides of an intermediate angular position (27) at which active surface (15) of chip shaped carrier (14) is at the lowest part of its motion path caused by the oscillating motion of cartridge (12). These oscillations cause a relative motion of the sample containing liquid contained in channel (13) with respect to active surface (15) of chip shaped carrier (14). Chamber (11) has a narrow interior and includes a curved channel (13). Chip shaped carrier (14) is located in a central zone of the curved channel (13).

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